

ユニーク色に対応した反対色型色信号変換アルゴリズム*

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On the color signal transformation algorithm for the unique colors

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Abstract

The eye is sensitive to colors of red, green and blue. However, our brain perceives color as four color set of red, green, yellow and blue that is called the unique colors. So the color signal must be transformed from three bands of R, G, B to the four color set.

This paper proposes the color signal transform algorithm that is based on characteristic of human's perception in the brain. This four color set is usable on the color image processing.

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